



Sheet 1 of 1

|   |   |                                      |
|---|---|--------------------------------------|
| FORM PTO-1449<br><br>U.S. DEPARTMENT OF COMMERCE<br>PATENT AND TRADEMARK OFFICE<br><br><b>INFORMATION DISCLOSURE STATEMENT</b><br><br>(Use several sheets if necessary) | ATTORNEY DOCKET NO.<br><b>392.1847</b>              | APPLICATION NO.<br><b>10/733,308</b> |
|   | FIRST NAMED INVENTOR<br><b>Kazunori BAN, et al.</b> |                                      |
|   | FILING DATE<br><b>December 12, 2003</b>             | GROUP ART UNIT<br><b>3661</b>        |

**U.S. PATENT DOCUMENTS**

| *EXAMINER<br>INITIAL |    | DOCUMENT<br>NO. | DATE | NAME | CLASS | SUB-<br>CLASS | FILING<br>DATE |
|----------------------|----|-----------------|------|------|-------|---------------|----------------|
|                      | AA |                 |      |      |       |               |                |
|                      | AB |                 |      |      |       |               |                |
|                      | AC |                 |      |      |       |               |                |
|                      | AD |                 |      |      |       |               |                |
|                      | AE |                 |      |      |       |               |                |
|                      | AF |                 |      |      |       |               |                |

**FOREIGN PATENT DOCUMENTS**

|     |    | DOCUMENT<br>NO. | DATE    | COUNTRY | TRANSLATION<br>YES NO |  | ABSTRACT |
|-----|----|-----------------|---------|---------|-----------------------|--|----------|
| m.m | AG | 10-315174       | 12-1998 | JP      |                       |  | X        |
|     | AH | 04-030991       | 02-1991 | JP      |                       |  | X        |
|     | AI | 03-202290       | 09-1991 | JP      |                       |  | X        |
|     | AJ | 2001-179677     | 07-2001 | JP      |                       |  | X        |
|     | AK | 1 043 642 A2    | 10-2000 | EP      | X                     |  |          |
|     | AL |                 |         |         |                       |  |          |

**OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)**

|     |    |   |  | TRANSLATION<br>YES NO |  |
|-----|----|---|--|-----------------------|--|
| m.m | AM | EP Search Report for corresponding application EP 03247763.7-1239 dated November 16, 2006 |  | X                     |  |

|   |                                     |
|---|-------------------------------------|
| EXAMINER<br><b>McDiannel Moore</b>  | DATE CONSIDERED<br><b>2-20-2007</b> |
| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |                                     |